

TT-1500 W

Water temperature control unit

Powerful direct cooled device

- high flow volume
- unlimited back flow volume



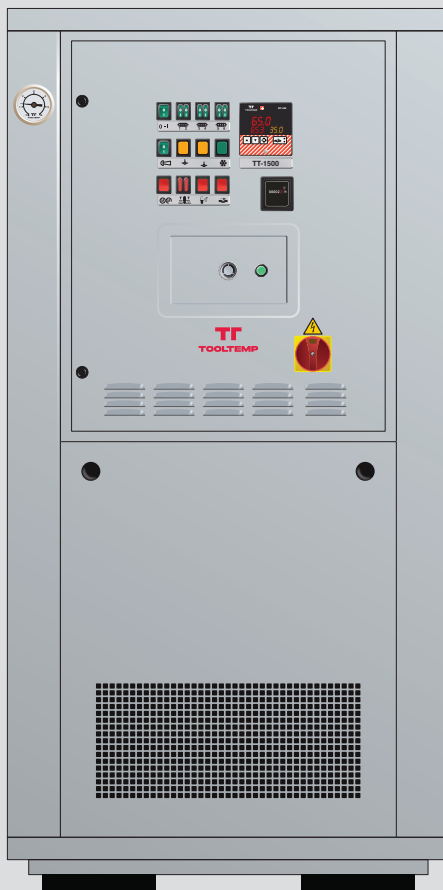
Water from 25°C up to 90°C

Heating capacity **48 kW**

Cooling capacity **285 kW @ 80°C**

Cooling system direct

Applications: rollers, plates, double walled vessels, large consumers



Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C to or °F and l/min or gal/min
- Digital flow display and monitoring
- Automatic temperature control
- Heating switchable in stages
- Heaters with cascade connection
- Pressure display
- Automatic water filling
- Automatic mould drainage with compressed air
- Automatic air venting

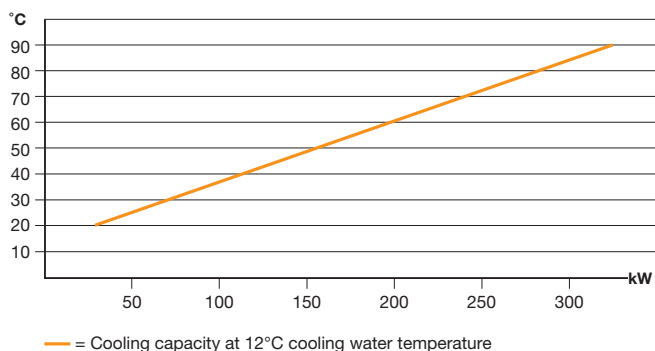
Construction

- High performance centrifugal pump
- Powerful direct cooling
- All parts in contact with water are made of stainless steel or bronze
- Unit on adjustable feet

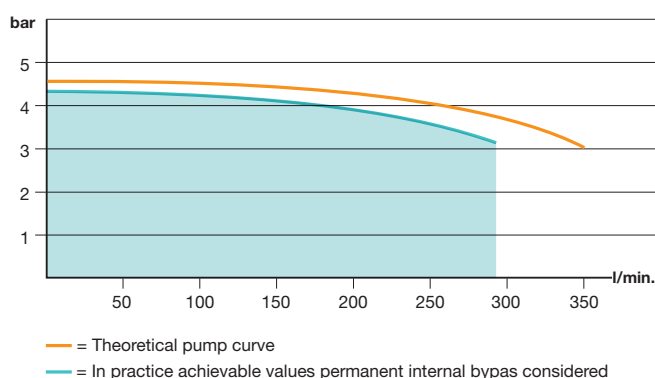
Safety features

- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- Mechanical safety thermostats
- Visual and acoustic fault indications
- Integrated circuit breakers
- Main switch, transformer and motor protection switch

Cooling capacity



Pump capacity



Technical data

| Product attribute | Unit | TT-1500 W |
|----------------------|------|--|
| Temperature range | °C | 20°C up to 90°C with water |
| Temperature control | | Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring. |
| Flow control | | Electronically, with digital display and automatic control of the minimum flow. |
| Heating capacity | kW | 48 kW |
| Switchable in stages | | 8/8/8/8/8/8 Automatic switching of the required heating power |
| Cooling capacity | kW | 285 kW at 80°C – see diagram |
| Pump capacity | | |
| Motor | kW | 4 kW |
| Pressure mode | | Max. 4,6 bar / max. 350 l/min – see diagram |
| Filling amount | | 75 litres |
| Filling | | Automatic |
| Mould drainage | | With compressed air |
| Connections | | |
| Medium | | Flange DN32 / PN16 |
| Cooling water | | |
| Inlet | | With water filter 3/8" BSP female thread |
| Outlet | | 1" BSP male thread |
| Compressed air | | 1/4" BSP female thread |
| Dimensions (L×W×H) | mm | 1'600×800×1'550 mm, incl. feet |
| Weight | kg | Approx. 430 kg empty |
| Colour | | Silvergrey RAL 7001 |